

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-027729

(43)Date of publication of application : 27.01.1998

(51)Int.Cl.

H01G 4/33

H01G 4/14

H01G 4/18

H01G 4/18

(21)Application number : 08-180429

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(22)Date of filing : 10.07.1996

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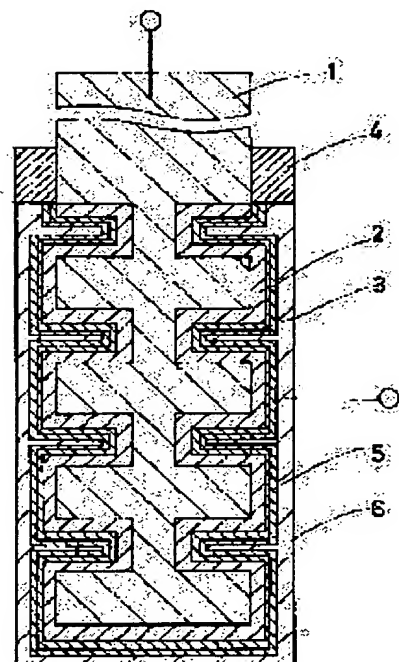
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(54) MANUFACTURE OF CAPACITOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide the manufacturing method of a small type capacitor having a large capacitance, a small leakage current, high withstand voltage and high reliability.

SOLUTION: After a high molecular dielectric thin film 2 has been formed in a vapor phase atmosphere on the surface-roughened electrode 1, opposing electrodes 3, 5 and 6 are formed on the surface of the high molecular dielectric thin film 2. As the high molecular dielectric thin film 2 is formed in vapor phase on the surface of the surface-roughened electrode 1 as above-mentioned, it is favorable to form the objective high purity composition on the surface of the electrode 1, and also it is effective to prevent the oxidation of the electrode 1. As a result, a highly reliable small type and large capacitance capacitor, having a small leakage current, high withstand voltage and no polarity, can be manufactured. Also, by the formation of the high molecular thin film 2 after formation of the high molecular dielectric thin film 2 by a sputtering method, its characteristics can be improved.



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[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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